

# curriculum

## Curriculum Newsletter

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**FEBRUARY, 1976**



**Alberta**  
EDUCATION

# Curriculum Newsletter

**VOLUME 2**

**FEBRUARY, 1976**

**NUMBER 1**

Principals and Department Heads:

Please circulate this newsletter to teachers who may find it of interest.

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## LANGUAGE ARTS & FINE ARTS

### ☆ Elementary Language Arts

The interim language arts program (1973) is currently being extended. The major emphasis in the extension is integration of reading, language, spelling and handwriting. As well, the new curriculum guide will be more specific in a number of practical areas, thereby being of greater assistance to teachers.

The two ad hoc committees which are working on the extension expect to pilot the revised program and some new textual materials, starting September, 1976.

The present recommendations in language will be retained. However, teachers can expect new materials to be recommended in reading and spelling.

The final edition of the curriculum should be completed in the fall of 1977. It should be stressed that the philosophy and objectives of the finalized program will be the same as those presented in the Elementary Language Arts Handbook (1973).

### ☆ Elementary Language Arts Inservice Tapes

One new videotape is now available from the Provincial Dubbing Centre. This videotape - A Multi-Sensory Approach to Teaching Language Arts - is designed to assist teachers in giving some ideas on how this concept may be handled in the elementary language arts program. Since this tape is not designed as a self-instructional kit, teachers may wish to contact the closest language arts consultant to arrange a meeting to view and discuss the implications of the tape.

Hopefully, some back-up print materials will soon be available to assist in the use of this tape and the preceding ones in the same series: Language Growth Patterns (the new language arts curriculum), Listening, and Oral Language.

### ☆ Junior High Language Arts

The Junior High Language Arts Ad Hoc Curriculum Committee is progressing in its task of developing a new program. It is expected that the Program of Studies statement and the curriculum guide will be ready in late summer, 1976. Approval of the new curriculum and the new textual materials by the Curriculum Board is anticipated at its spring meeting, or at the latest, at the fall meeting. The new program will take effect in September, 1977.

Therefore schools will have most of the 1976-77 school year to become familiar with the curriculum and to carry out inservice activities to help implement the program.

#### ☆ Senior High Language Arts

The Secondary Language Arts Policy Committee is currently reviewing the total senior high language arts program. The major question - "Are the program and texts satisfactory or should there be some changes?" If you have recommendations about either the program or the texts please write to Dr. M. F. Thornton, Associate Director of Curriculum, Executive Building, 10105 - 109 Street, Edmonton, Alberta.

#### ☆ Out of Print Text

Working With Prose by Reinert (Longmans) which is listed for use in English 33 is now out of print. It will not be replaced until the review and potential revision of the senior high language arts program are complete.

#### ☆ Elementary Fine Arts

The elementary curriculum guides in Music and Art are being reviewed for revision purposes by the Elementary Fine Arts Curriculum Committee. There will probably be no major changes in direction for these two programs but curriculum guides will be revised to make them more useful to teachers, particularly those with little or no training in fine arts.

If you have recommendations about what changes might be made in either or both curriculum guides, please write to Dr. M. F. Thornton, Associate Director of Curriculum, Executive Building, 10105 - 109 Street, Edmonton, Alberta.

#### ☆ Secondary Fine Arts

No major changes in philosophy or objectives are foreseen in Art, Music and Drama. However, the Secondary Fine Arts Curriculum Committee is revising each of the guides for these subjects to make them more useful to teachers. The music guide is first on the list. If you have recommendations for changes, please write to Dr. M. F. Thornton, Associate Director of Curriculum, Executive Building, 10105 - 109 Street, Edmonton, Alberta.

## **SOCIAL STUDIES & SOCIAL SCIENCES**

### ☆ Social Studies and Social Sciences Committees Revamped

The Elementary Social Studies Curriculum Committee and the Secondary Social Sciences Curriculum Committee have been disbanded, to be replaced by a Social Studies Curriculum Coordinating Committee (SSCCC), which will have responsibility for Social Studies and Social Science programs, Grades 1 to 12.

The SSCCC is chaired by Mr. Frank Crowther. Two new ad hoc committees have been appointed. The Ad Hoc Committee on Social Science Options in the Senior High School is chaired by Dr. Henry Toews; the Ad Hoc Committee on Canadian Content in the Social Studies is chaired by Dr. Ralph Sabey.

### ☆ Canadian Content in the Social Studies To Be Increased

In response to public demand, the Curriculum Branch has contracted twelve school systems across the province to develop Canadian content units for Social Studies in Grades 1 - 12. It is anticipated that there will be a separate resource unit for each grade. Each resource unit will contain both teacher and student materials from commercial and local sources.

A seminar for participating teachers and other members of the project teams was held on January 12 and 13, 1976. It is hoped that the resource units will be ready for distribution through the School Book Branch by spring, 1977.

Further details are available from R. H. Sabey, who has been appointed Consultant in Canadian Studies for the Department of Education, at the Edmonton Regional Office, Edwards Building, 10053 - 111 Street, Edmonton.

Dr. Sabey is available to meet with teachers or other interested groups regarding the development and assessment of materials and resources in the area of Canadian studies. He is presently concentrating on the social studies program, but it is anticipated that other activities in areas such as Literature and Fine Arts will be included at a later date.

### ☆ Evaluation of the Alberta Social Studies Curriculum Completed

The 330 - page "Downey Report", which assesses the strengths and weaknesses of the new Alberta social studies program, was released by the Minister of Education on December 10, 1975.

A seven - page précis of the report has been sent to all school principals with a request that they share it with their social studies teachers. Copies of a 30 - page summary have also been distributed, while a very limited number of copies of the full report will be available on request from the Curriculum Branch, Alberta Education, Executive Building, 10105 - 109 Street, Edmonton.

Reactions to the report should be sent to Dr. C. D. Ledgerwood, Associate Director of Curriculum at the above address.

#### Geography 20, Psychology 20, Sociology 20 to be Retained

According to previous announcements in the Curriculum Bulletin, Junior-Senior High School Handbook and other publications, Geography 20, Psychology 20 and Sociology 20 were to be withdrawn from the Program of Studies as of August, 1975, and replaced by new modular units in Social Sciences 10 - 20 - 30. However, because the development of the new Social Sciences 10 - 20 - 30 program is not yet complete, Geography 20, Psychology 20 and Sociology 20 will be offered for at least one more year.

A new withdrawal date for these courses, and for Economics 30, will be announced later.

#### Social Sciences 10 - 20 - 30 Modular Units Being Introduced

A total of 24 modular units in the social sciences are now at various stages of readiness.

##### a. Titles of Modular Units Now Being Taught:

##### Psychology (3)

- Modular Unit 1 - Personality and the Individual
- Modular Unit 2 - General Psychology
- Modular Unit 3 - Experimental Psychology

##### Religious Studies (3)

- Modular Unit 1 - World Religions
- Modular Unit 2 - Religious Ethics
- Modular Unit 3 - Search for Meaning

##### Sociology (3)

- Modular Unit 1 - Culture and Society
- Modular Unit 2 - Institutions, Minorities and Social Behaviour
- Modular Unit 3 - Applications of Sociological Concepts

Geography (2)

- Modular Unit 1 - Local and Canada Studies
- Modular Unit 2 - World Patterns

b. Titles of Modular Units Piloted and Now Being Revised (To Be Available in September, 1976):

History (2)

- Canadian History
- Western Canadian History

Economics (1)

- Macro-Economics

Philosophy (3)

- Men and Ideas
- The Origins of Western Philosophical Thought
- Contemporary Western Philosophy

Political Science (3)

- Political Thinking
- U.K., U.S.A., Canada, U.S.S.R.
- International Relations

Anthropology (1)

- Cultural and Physical

c. Titles of Modular Units Being Piloted And Revised This Year (Possibly Available in September, 1976):

Economics (2)

- Micro-Economics
- Consumer Economics

History (1)

- Western World History

 Directory - Departmental Consultants in Social Studies and Related Areas

Mr. Bob Carter - formerly Assistant Superintendent with Grande Prairie City Schools; now Social Studies Consultant at Lethbridge Regional Office of Education.

Mr. Bernie Chandler - formerly Superintendent of Yellowhead School Division; now Social Studies Consultant at Red Deer Regional Office of Education.

Mr. Frank Crowther - Social Studies Consultant at Grande Prairie Regional Office of Education.

Mr. Merv Kowalchuk - Consultant in Intercultural Education at the Department of Education, Edmonton.

Dr. Ralph Sabey - formerly of Project Canada West; now Consultant in Canadian Studies at Edmonton Regional Office of Education.

Dr. Fred Schreiber - recently returned from educational leave; now Social Studies Consultant at Edmonton Regional Office of Education.

Dr. Henry Toews - Social Studies Consultant at Calgary Regional Office of Education.

Miss Linda Weigl - formerly with the Saskatchewan Dept. of Consumer Affairs; now Consumer Education Consultant in the Edmonton offices of Alberta Education and Alberta Consumer and Corporate Affairs.

#### Social Studies Resource Materials

##### 1. Booklet on Government Being Produced

A new publication on local and provincial government in Alberta, directed primarily to the upper-elementary Social Studies program, has been commissioned by the Curriculum Branch. This booklet, entitled Working Together, was written by Ed Marchand, a teacher in the Calgary Separate School system. Sample copies will be distributed widely before the end of the current school year and additional copies will be available from the School Book Branch at a special price of .95¢ each.

##### 2. Film Available For In-Service Education

ACCESS, in cooperation with Edmonton Public School Board, the University of Alberta and the Curriculum Branch, Department of Education, has developed a 27-minute videotape, called Target: The Future, which is designed to demonstrate effective teaching methods for Alberta's new social studies program.

Copies are available on 1/2", 3/4" or 1" video-tape, in black-and-white or color, from the Provincial Dubbing Center at 6005-103 Avenue, Edmonton. (Please send a blank videotape.)

Further information is available from Don Bush at ACCESS-TV at the above address, phone 434-9441.

3. "Many Laws" Available at Discount Prices

A limited supply of the book Many Laws, written by Christine Daniels and Ron Christiansen and published by Hurtig Publishers is available for purchase from the School Book Branch. The book, which uses text and illustrations to reveal an Indian perspective on the White Man's laws, is being sold at a special price of \$2.55, less 15%.

4. Commonwealth Yearbook Available

The British Government Office in Edmonton has brought our attention to an annual reference work called A Year Book of the Commonwealth. This publication "contains essential information about all the countries constituting the Commonwealth today .... Background information not readily available elsewhere is provided in the constitutional development of the Commonwealth and the countries comprising it and on Commonwealth trade and the organization of British government relations with other Commonwealth countries."

An order form is enclosed and further information is available from the Curriculum Branch Editor, Department of Education, Edmonton.

5. Newfoundland Confederation Featured on New Record

The impassioned oratory of "Joey" Smallwood, the bitter controversies between "the confederates" and those who opposed union with Canada, have been captured in a 33 1/3 rpm L P record entitled And Oh, What A Battle It Was. We recommend it to Social Studies teachers. It presents a stimulating account of "living history" and would be very useful in studies of the democratic process in action, with a special focus on Confederation.

This item appeared on the scene during the summer - too late for inclusion in the School Book Branch catalogue. It is available from the School Book Branch for \$3.25 less 15 per cent.

6. Addresses for Social Studies Resource Materials

We regret that a number of schools have experienced difficulty in obtaining addresses for some of the materials listed in two recent publications, Resource Materials for Elementary Social Studies (1975) and Resource Materials for Secondary Social Studies (1975). Lists of addresses have been included in some curriculum publications of this nature, but this is not always a perfect solution either because suppliers, especially those for non-print materials, seem to be constantly moving, changing their names, disappearing entirely, and so forth.

The School Book Branch is prepared to special-order all titles listed in curriculum guides and resource lists prepared by the Curriculum Branch. Smaller schools, especially, may find it advantageous to make use of this service.

Publishers and distributors of print materials in Canada are listed in the Canadian Publishers Directory which is put out twice annually as a supplement to Quill and Quire. Subscriptions to Quill and Quire, which costs \$10.00 a year, are available from Suite 401, 56 Esplanade Street East, Toronto, Ontario (Greey de Pencier Publications Ltd.)

Since addresses for non-print materials are not so easily accessible, the following list has been prepared. This list is by no means complete, but it includes many of the suppliers of non-print materials which are mentioned in the Social Studies resource lists.

Any questions related to the above may be directed to the Curriculum Branch Editor, Department of Education.

# ADDRESSES FOR DISTRIBUTORS OF NON-PRINT MATERIALS

(Re: Social Studies Resource Lists)

Audio-Visual Narrative Arts  
398 Pleasantville, New York 10570

B. F. A. Educational Media  
(Canadian distributor is Holt, Rinehart  
& Winston of Canada)

Bellevue Film Distributors Ltd.  
277 Victoria Street  
Toronto, Ontario  
M5B 1W6

Bellhaven House Ltd.  
1145 Bellamy Road  
Suite #2  
Scarborough, Ontario  
M1H 1H5

British Broadcasting Corporation (B.B.C.)  
135 Maitland Street  
Toronto, Ontario

C. B. C. Learning Systems  
Box 500  
Terminal 'A'  
Toronto, Ontario  
M5W 1E6

Canadian Social Sciences Service  
P. O. Box 7095  
Postal Station 'M'  
Edmonton, Alberta  
T5E 5S9

Cinemedia Ltd.  
17 Queen Street, E.  
Toronto, Ontario  
M5C 1P9

Coronet Instructional Media Ltd.  
2 Thorncliffe Park Drive  
Unit 6  
Toronto, Ontario

Current Affairs Films  
(Canadian distributor is Thomas Nelson  
& Sons Canada)

Educational Audio-Visual Inc.  
Pleasantville, New York 10570

Educational Film Distributors Ltd.  
285 Lesmill Road  
Don Mills, Ontario  
M4P 1K1

Edu-Media  
1 Adam Street  
Kitchener, Ontario  
N2H 5P6

General Audio-Visual Co.  
1350 Birchmount Road  
Scarborough, Ontario  
M1P 2E4

Grover Films  
(Canadian distributor is Harry Smith  
& Sons)

Holt, Rinehart & Winston of Canada Ltd.  
55 Horner Avenue  
Toronto, Ontario  
M8Z 4X6

Instructo  
(Canadian distributors are Moyer Vico  
and Scholar's Choice)

Marlin Motion Pictures Ltd.  
47 Lakeshore Road, E.  
Port Credit, Ontario

McIntyre Educational Media  
86 St. Regis Crescent, N.  
Downsview, Ontario  
M3J 1Z3

Milliken  
(Canadian distributors are General Audio-  
Visual Co. and Moyer Vico)

Moreland Latchford Ltd.  
299 Queen Street, W.  
Toronto, Ontario  
M5V 2S6

Moyer Vico Ltd.  
10924 - 119 St.  
Edmonton, Alberta

National Film Board of Canada  
Box 6100  
Montreal, Quebec  
(Distributor in Western Canada:  
Harry Smith & Sons)

National Geographic Society  
17th & M Streets, N. W.  
Washington, D. C. 20036

Thomas Nelson & Sons (Canada) Ltd.  
81 Curlew Drive  
Don Mills, Ontario  
M3A 2R1

Nystrom  
(Distributed by Social Studies School  
Services)

Pergamon  
P. O. Box 9600  
Don Mills, Ontario

Psycan Ltd.  
255 Consumer's Road  
Willowdale, Ontario  
M2J 1R3

Scholar's Choice Ltd.  
50 Ballentyne Avenue  
Stratford, Ontario  
N5A 6T9

See Hear Now! Ltd.  
44 Mercer Street  
Toronto, Ontario  
M5V 1H3

Simile II  
(Canadian distributor is Harry Smith  
& Sons)

Harry Smith & Sons  
1150 Homer Street  
Vancouver, British Columbia  
V6B 2X8

Social Studies School Service  
c/o Don Lofquist  
P. O. Box 473  
Edmonton, Alberta

Society for Visual Education  
(Canadian distributor is Educational  
Film Distributors)

Television Access North  
(Now "Provincial Dubbing Centre")  
6005 - 103 Street  
Edmonton, Alberta

Visual Education Centre  
115 Berkley Street  
Toronto, Ontario

Zenger  
(Distributed by Social Studies  
School Service)

## CONSUMER EDUCATION

1. Miss Linda Weigl has been hired on a one-year joint contract with Alberta Education and Alberta Consumer and Corporate Affairs, to work on program development and in-service educational activities in Consumer Education. Miss Weigl is working on this project with the two government Departments, with ACCESS, and with numerous school systems and A.T.A. Specialist Councils around the province.

Interested persons may contact her at Alberta Consumer and Corporate Affairs, Petroleum Plaza, 9915 - 108 Street, Edmonton. Phone 427 - 5065.

2. A committee of teacher-librarians drawn from members of the A.T.A. Library and Audio-Visual Council is working under the sponsorship of the Curriculum Branch to compile a bibliography of resources for Consumer Education, Grades 1 to 12. The committee also includes personnel from Alberta Education and Alberta Consumer and Corporate Affairs. The bibliography will be available to schools in the early fall.

## MATHEMATICS

### Elementary School Mathematics

Efforts to revise the elementary school mathematics program continue satisfactorily. To date the Committee has prepared a statement of Goals for Elementary Mathematics, a Tentative Course Outline, and questionnaires which have gone to two groups of teachers for feedback. One group of teachers is conducting pilots of new series of math texts in order to evaluate the texts in relation to the new course outline. The other group of about 1000 teachers has been asked to react to the outline itself. The texts being examined are:

1. Mathematics With Metric Measure - G. L. C.
2. Heath Elementary Mathematics - D. C. Heath
3. SRA Mathematics Learning System - S.R.A.
4. Project Mathematics - Holt, Rinehart and Winston
5. Investigating School Mathematics - Addison-Wesley
6. Mathways - Copp Clark

All of these texts are Canadian (or Canadianized) and all are metric (S.I.) editions. The teachers evaluating them have been requested to provide their information to us by April 15, 1976.

For the teachers who were asked to react to the Tentative Course Outline and the goals statement only, the time line for submitting the completed questionnaire has been extended from April 15 to May 15, 1976.

The target date for implementing the new program remains at September 1, 1976 but a number of circumstances threaten to prevent the realization of that goal. In general, the new outline reduces the emphasis on common fractions, is somewhat less demanding of students in terms of difficulty level and vocabulary, and should provide a rather welcome change. Preliminary response to the change has been very positive although some minor revisions might be required when the evaluations are in.

### Junior High School Mathematics

1. The Junior High School Math Ad Hoc Committee has been active in extending the core strands of the new elementary math program into the junior high grades. As in the elementary math outline, it is expected that the junior high program will place less emphasis on the theoretical, abstract aspects of mathematics and will instead, provide increased opportunity for students to develop proficiency in such fundamental skills as computation and problem solving. Target date for implementation is September, 1977 but unless Canadian textual

materials which are metric (S.I.) become available more quickly than seems to be the case at the present, there could be some problem.

2. The Committee is keeping in touch with the Junior High School Mathematics Consortium and will be examining their new materials as they become available.
3. Within the next couple of months we hope to have mailed a booklet entitled Math Activity Ideas to all Superintendents of Schools in Alberta. This booklet has been prepared by the Curriculum Branch, with a great deal of help and cooperation from many people, in response to a need expressed by teachers of the Group B Math Option. We think that it will be a useful source of ideas for the teachers involved. The superintendents will be asked to order copies for distribution within their systems.

### § Senior High School Mathematics

1. Mathematics 15 and 25

By now you will have noticed that the title of text is not Mathematics of Consumer Studies as noted in our last Curriculum Newsletter, the Program of Studies, Curriculum Guide, School Book Branch catalogue, etc. The correct title is Business and Consumer Mathematics. The authors, publisher, etc. are correctly listed but the title was changed by the publisher when the new edition was printed.

2. The target date for introducing a revised senior high mathematics program is September, 1978. The nature and extent of revision is under active consideration and will be the subject of comment in future editions of this newsletter.

### § Miscellaneous

Do you want to make some extra money on your savings? Do you know how to keep the cost of borrowing money to a minimum?

Answers to these questions and many others are available from persons qualified to supply them. These same persons are prepared to share this information with you and your students and would welcome an opportunity to do so. Why not invite them to explain "the money business" to you and your classes? Who will do all this? Contact your local bank or Treasury Branch manager. You will be pleased with their willingness to help out.

## SCIENCES

### ( Elementary Science

The Committee is working diligently on a tentative program outline that is based on the principal skills and competencies that are needed by students in learning to become active participants in an inquiry-based approach to the understanding of the natural sciences. To this end, the committee members have examined most of the major elementary science programs that encompass a wide variety of approaches to the teaching of science. The objectives abstracted from these programs will form the core skills and principles of a new program.

It is expected that a tentative course outline will be available in late spring for reaction from teachers.

### ( Junior High Science

The Ad Hoc Committee has submitted its recommendations for text resources to the Policy Committee. The Policy Committee will then decide, on the basis of the committee recommendations and their own previously determined policies, what recommendations to make to the Curriculum Board and the Minister. It is the considered opinion of the Ad Hoc Committee that the recommended texts should be:

#### Grade 7:

Carter, J. L. et al. Life Science: A Problem Solving Approach. Scarborough: Ginn and Co., 1971.

Smallwood, W. L. Challenges to Science: Life Science. Scarborough: McGraw Hill, 1973.

#### Grade 8:

Heller, R. L., et al. Challenges to Science: Earth Science. Scarborough: McGraw Hill, 1973.

Jackson, J. H. and E. D. Evans. Spaceship Earth: Earth Science. Don Mills: Houghton Mifflin, 1973.

#### Grade 9:

Bickel, C. L. et al. Physical Science Investigations. Don Mills: Houghton Mifflin, 1973.

Carter, J. L. et al. Physical Science: A Problem Solving Approach. Scarborough: Ginn and Co., 1971.

Townsend, R. D. and P. D. Hurd. Energy, Matter and Change.  
Agincourt: Gage and Co., 1973.

It is emphasized that these are recommendations to the Policy Committee and, as such, will be subject to careful scrutiny before being taken to the Curriculum Board.

### ★ Chemistry

The Chemistry 10 and 20 program has been piloted for the past year, data have been gathered, and on the basis of the pilot teachers' comments, the students' reactions and the Committee's assessment, the outline is being revised and recommended texts are:

Ledbetter, E. W. and J. A. Young. Keys to Chemistry.  
Don Mills: Addison-Wesley, 1973.

Gortler, L. B., R. C. Tripp, J. A. Young and E. W. Ledbetter.  
Keys to Organic Chemistry. Don Mills: Addison-Wesley, 1976.

This recommendation to the Policy Committee is subject to their concurrence.

The Chemistry 30 outline is being piloted this term and a recommendation will likely be made next summer.

### ★ Physics

The Physics 10, 20 and 30 sequence is being piloted in a number of schools this year. The program is modelled on the Harvard Project Physics and uses Physics: A Human Endeavor as a text resource. The intention of the Committee is to design a physics program that:

1. presents physics in a broad humanistic context which tries to show the connection between physics and man's other intellectual, artistic and social activities,
2. permits maximum flexibility with regard to context, emphasis and teaching strategies, and
3. increases the accessibility of the physics program to a greater number of students.

It is expected that information and opinions will be gathered from the pilot teachers later on in the term and that any modifications can be considered in the late spring and early summer.

### ★ Land and Life

There has been a considerable amount of enthusiasm with respect to the

proposal to develop a science program for grades nine to twelve that would focus on the renewable resource industries in Alberta. As now envisaged, the course would replace the present Agriculture A-option in grade nine and be an alternative to the present grade 10, 11 and 12 science programs, incorporating the content of the former Agriculture and Forestry programs with some elements of the Industrial Education Horticulture program. It is not viewed by the Ad Hoc Committee as a replacement of the Science 11 program but is meant to satisfy the need for a science program that will be relevant, practical and useful to all students in making decisions about careers, life styles and consumption patterns.

The Land and Life Ad Hoc Committee expects to have tentative course outlines for grades nine and ten available for reaction from teachers by early spring.

## **ENVIRONMENTAL EDUCATION**

### **Definition:**

"Environmental Education is that education which develops in man a recognition of his interdependence with all of life and a recognition of his responsibility to maintain the environment in a manner fit for life and living--an environment of beauty and bounty in which man lives in harmony. The main components of environmental education are development of understanding; development of attitudes and appreciation, and development of personal involvement in maintaining and further developing environments that are optimum for living."

This definition, developed by the Edmonton Public School System, has been adopted as a working definition by curriculum committees as they revise programs in which an environmental emphasis is appropriate. In addition, the Interdepartmental Committee for Environmental Education, set up to coordinate government activities and resource utilization, has adopted the definition.

## **BUSINESS      EDUCATION      &      INDUSTRIAL      EDUCATION**

### ★ Articulation Between High Schools and Community Colleges

Students who have completed high school and plan to register in a Business or Technical program in a Community College or Institute of Technology should enquire about articulation arrangements. The Institutes of Technology (Northern and Southern) and some colleges will grant advanced standing in certain courses on the basis of high school performance or a qualifying examination.

### ★ Law 20 and 30

The new Law 20 course, which has been completely rewritten, will be available for the 1976 fall term.

The Law Committee is now writing a Law 30 course.

### ★ Junior High School Industrial Education

The Industrial Arts Program is being revised. New course guides are expected to be published prior to September, 1976.

### ★ Senior High School Industrial Education

The former General Technology and Cluster programs have been collapsed into one series of courses called Industrial Education 10, 20 and 30. Each course may be taught for 4-5, or 8-10 credits. However, an 8-10-credit course must be identified as "A" and "B" at the appropriate grade level, e.g. 10A, 10B, 20A, 20B, 30A and 30B.

This program consists of 55 one-credit modules with approximately 12 modules in each of the areas of Visual Communications, Power, Materials and Electricity - Electronics. In addition there are several open-ended modules for which the teacher and/or student may determine the specific content.

The flexibility made available by this program will allow schools to build courses, through a careful selection from the modules available, to meet the particular needs of the community and its resources (staff and facilities).

## **DRIVER EDUCATION**

Errata -

### Resource Materials List, Driver Education 10

M. Gallagher of Shell Canada Limited has informed us that the "Student Booklets" listed on page 4 of the Resource Materials List, Driver Education 10 are no longer available. The specific titles of the discontinued publications are:

Drive Like A Pro  
Good Driving Practices  
How Good A Car Pilot Are You?  
Safe Driving Quizzes

These items have been removed from the second run of this publication, but if you have an older copy, please make the note of this change.

## **FREE MATERIALS**

The Curriculum Branch has in stock a limited quantity of free materials. Class quantities cannot be provided but sets of pamphlets and brochures for use by teachers or librarians are available as follows:

1. Travel Alberta publications
2. Alberta Fish and Wildlife publications
3. Alberta Forests publications
4. Materials on environment and conservation from a number of different agencies.
5. United Nations pamphlets from various groups such as the International Labour Organization.
6. Canada - Japan Trade Council publications. A very limited number of sets of 6 different booklets are available. These are primarily directed to the secondary school level.

